

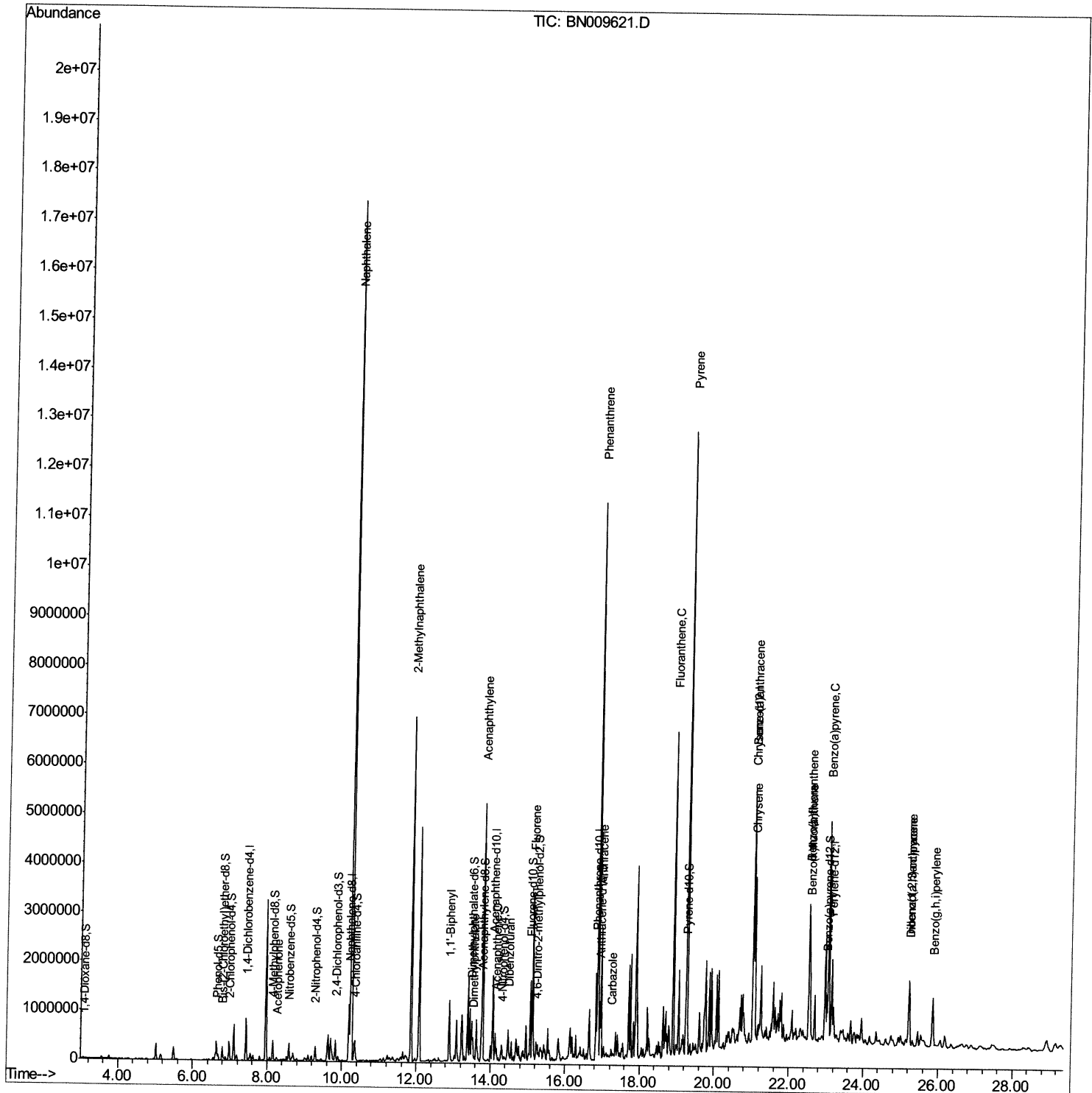
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009621.D
Acq On : 06 Feb 2020 22:12
Operator : CG/JU
Sample : L1324-17
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT72

Manual Integrations
APPROVED

mohammad
2/10/2020 8:19:41 AM

Quant Time: Feb 07 03:22:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



Quantitation Report (Qedit)

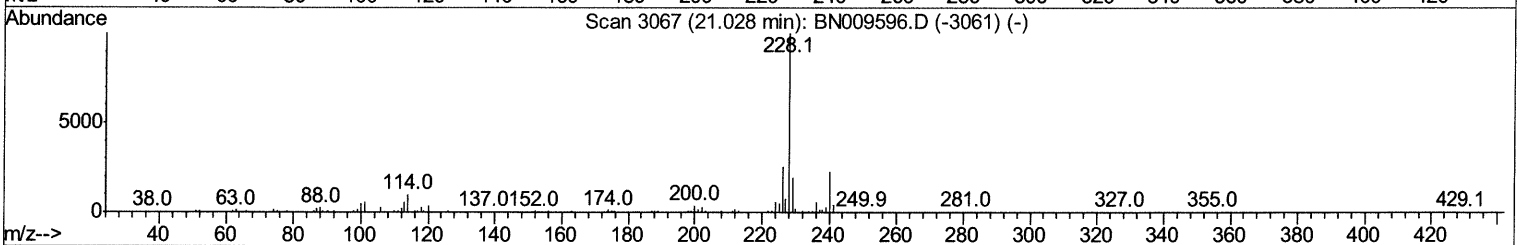
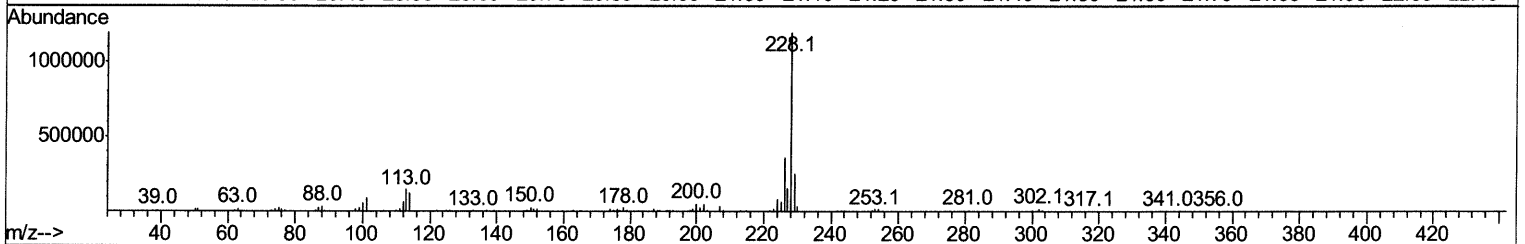
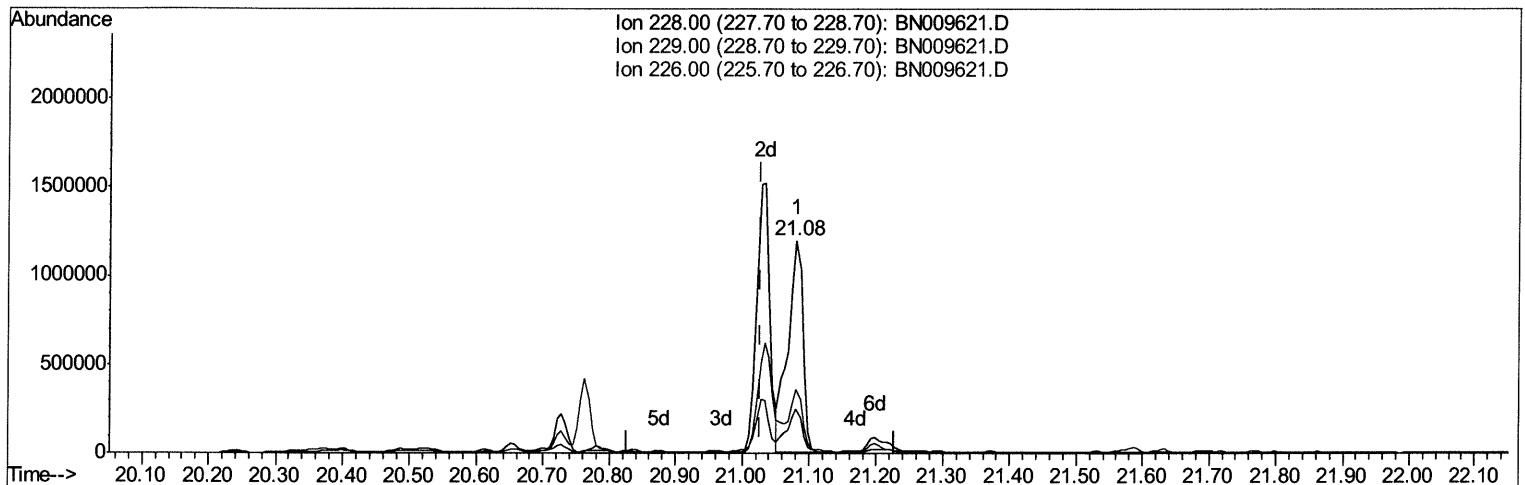
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TIC: BN009621.D

(82) Benzo(a)anthracene

21.080min (+0.053) 29.00ng/ul

response 1843171

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	20.97
226.00	26.10	30.14
0.00	0.00	0.00

Quantitation Report (Qedit)

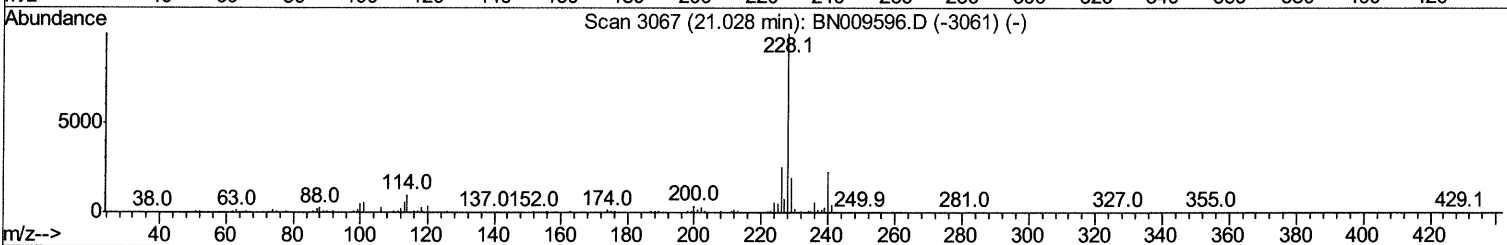
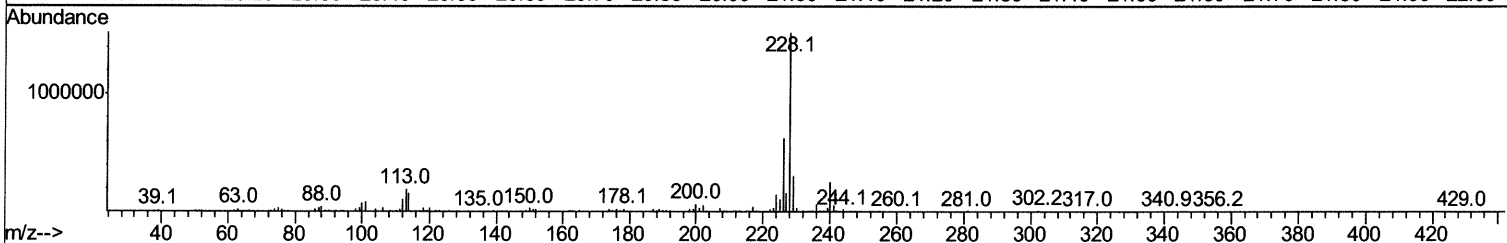
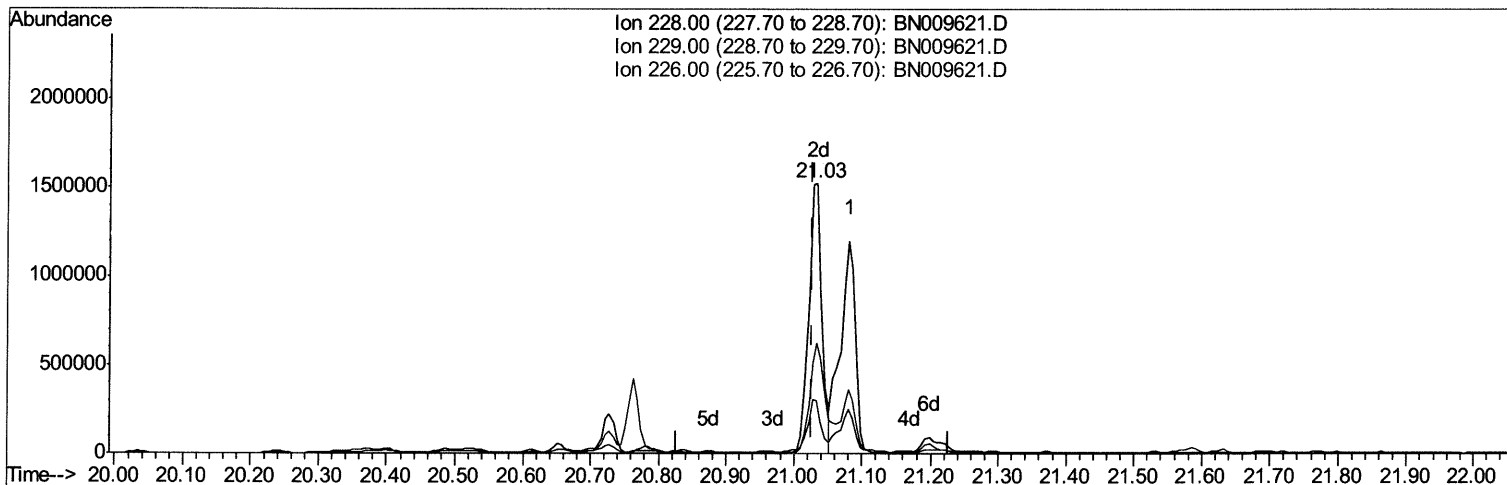
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(82) Benzo(a)anthracene

21.033min (+0.006) 32.59ng/ul m JU 02/13/20

response 2071266

Ion	Exp%	Act%
228.00	100	100
229.00	18.70	19.74
226.00	26.10	41.03#
0.00	0.00	0.00

Quantitation Report (Qedit)

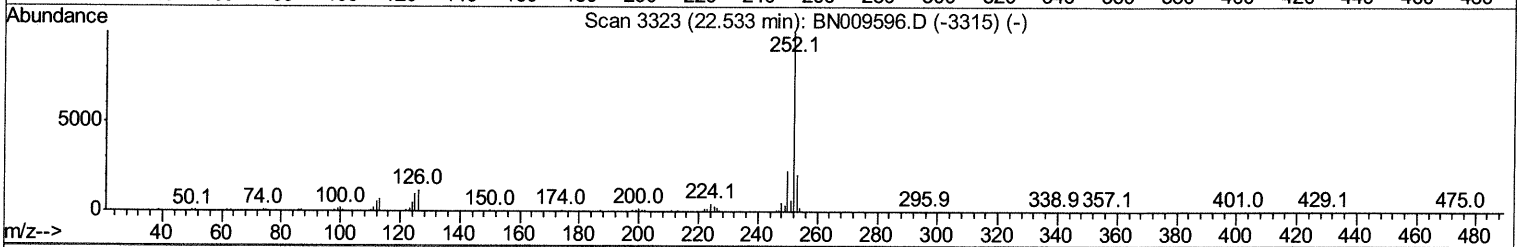
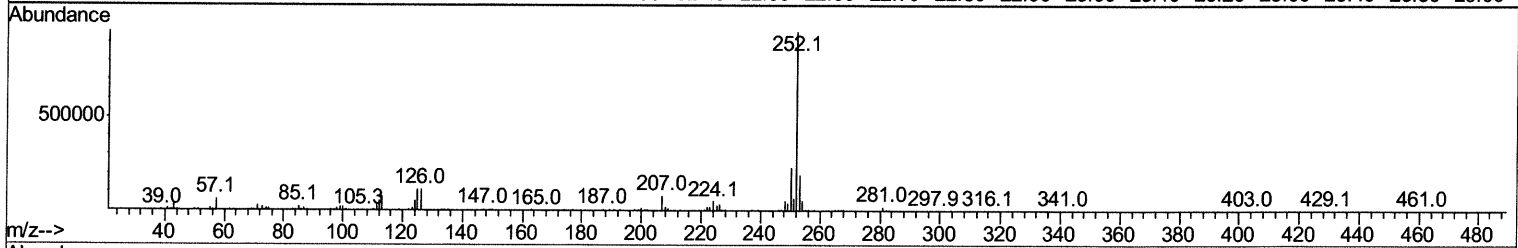
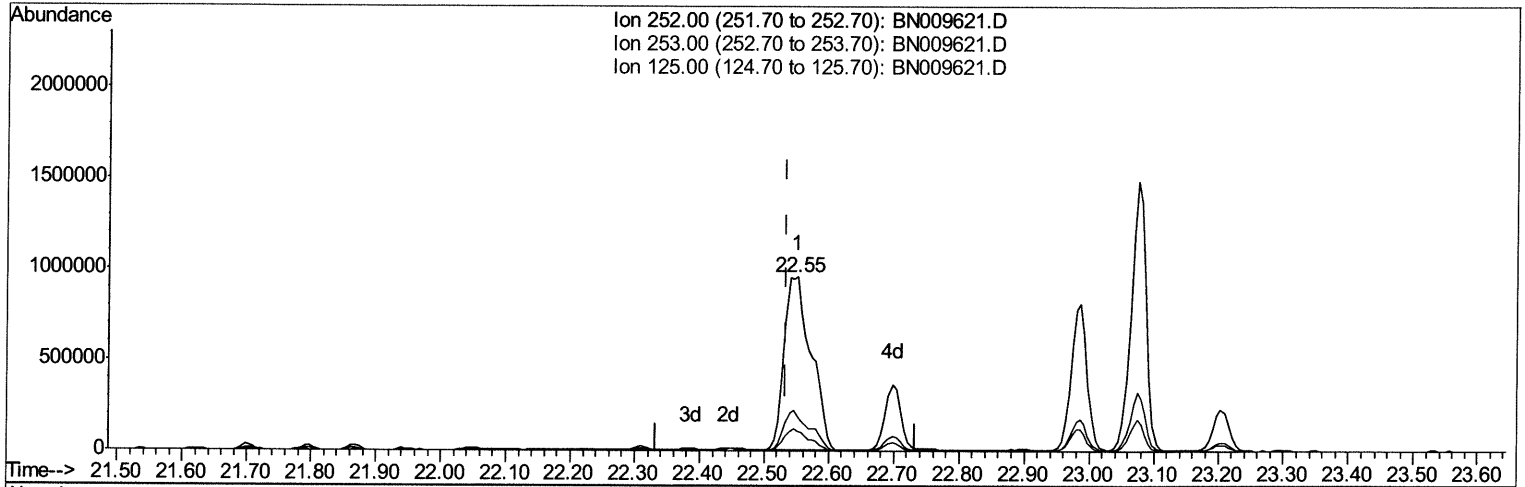
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TIC: BN009621.D

(87) Benzo(b)fluoranthene

22.551min (+0.018) 42.51ng/ul

response 2744614

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	20.11
125.00	10.20	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

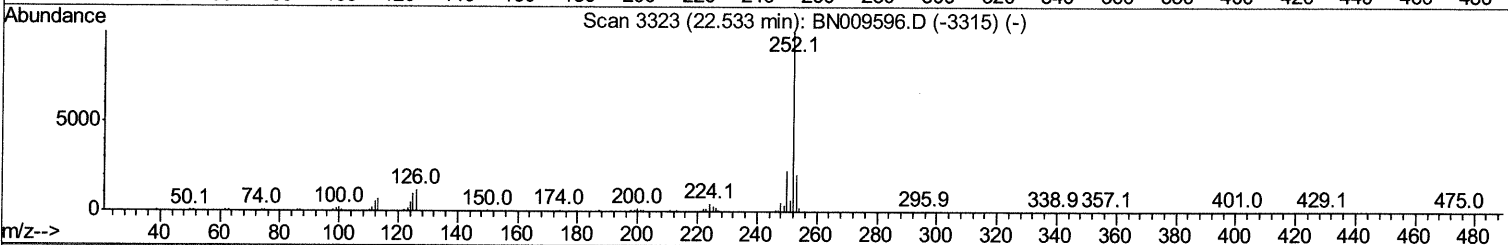
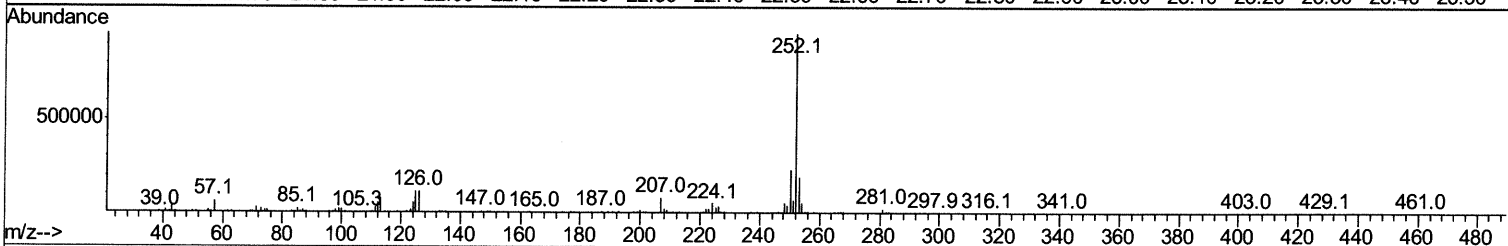
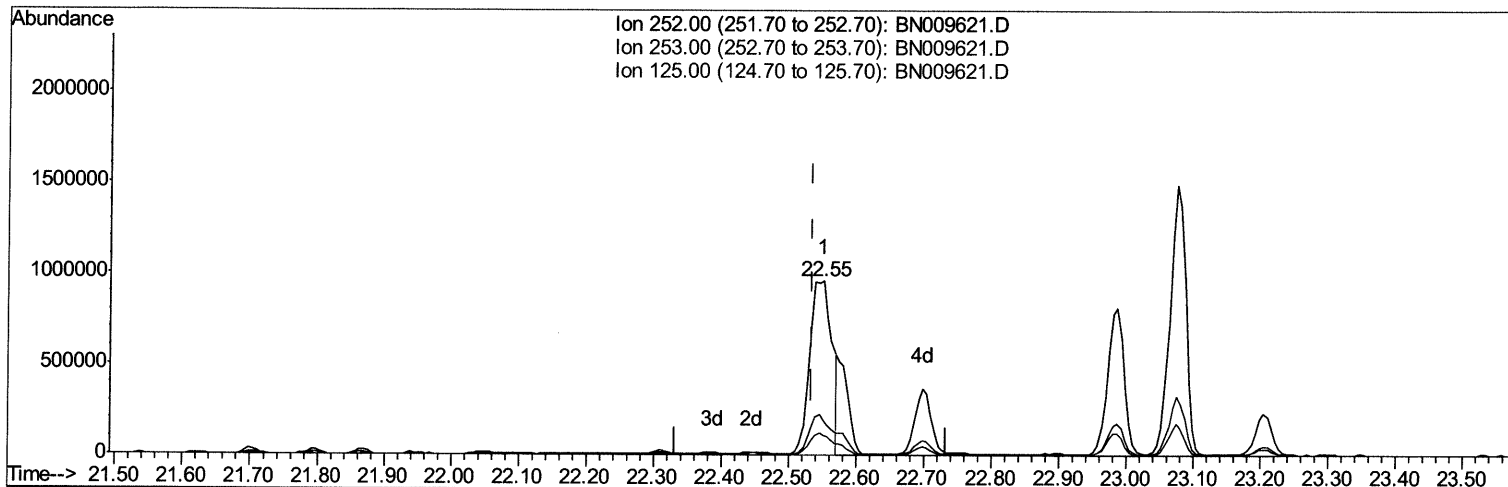
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
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TIC: BN009621.D

(87) Benzo(b)fluoranthene

22.551min (+0.018) 33.73ng/ul m JU02/13/20

response 2178005

Ion	Exp%	Act%
252.00	100	100
253.00	21.30	20.11
125.00	10.20	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

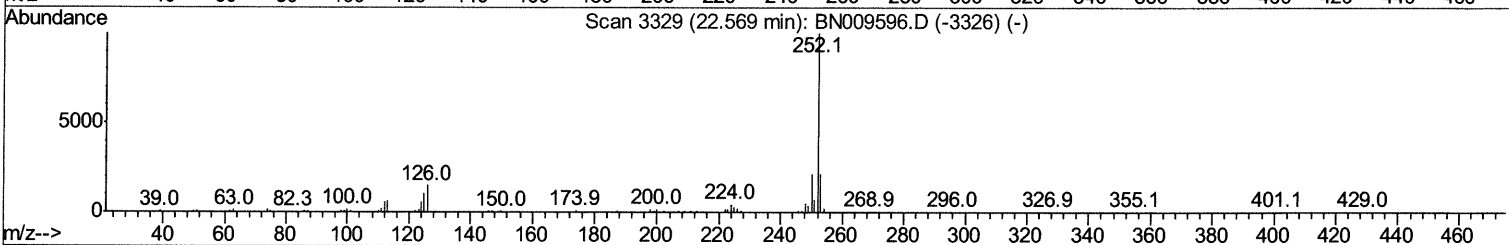
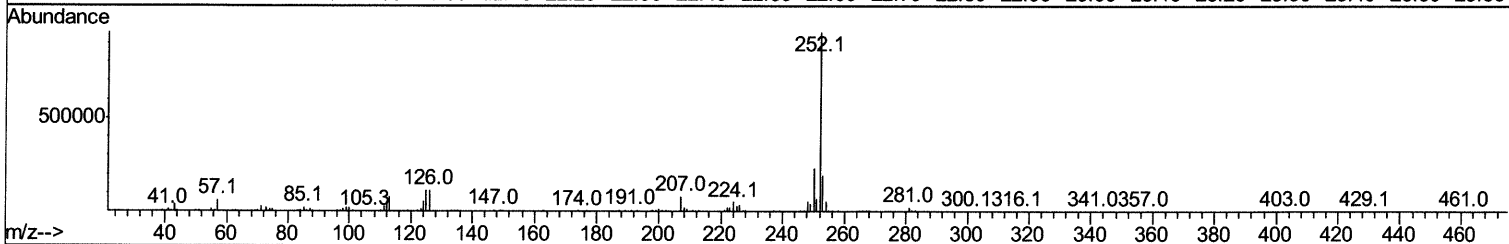
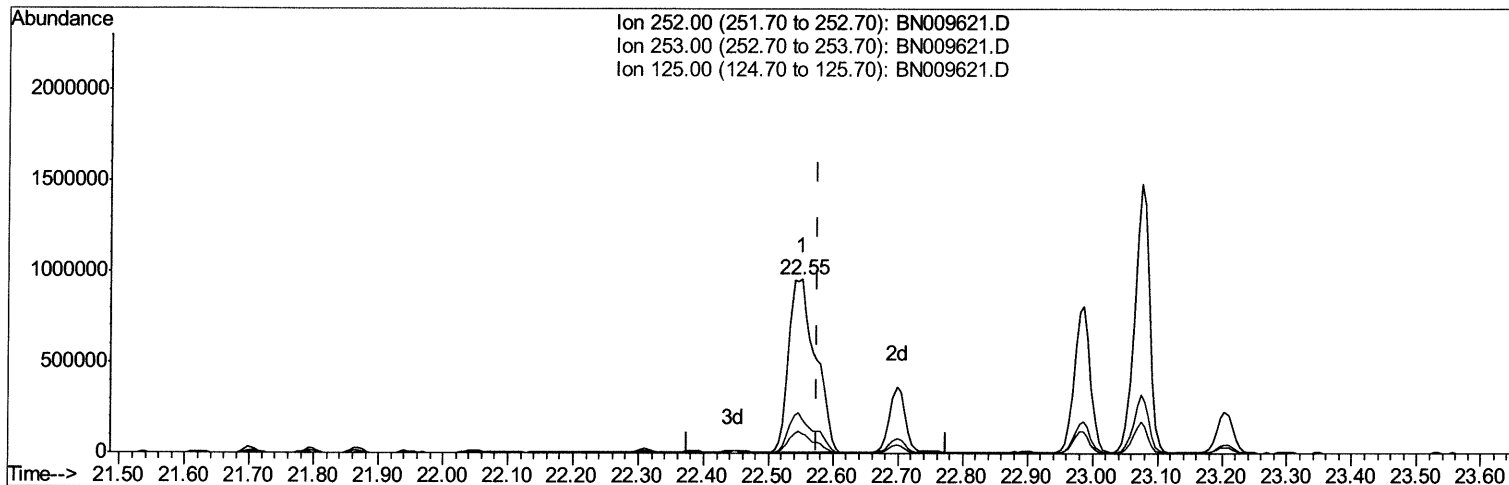
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
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Manual Integrations
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mohammad
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TIC: BN009621.D

(88) Benzo(k)fluoranthene

22.551min (-0.024) 43.16ng/ul

response 2744614

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	20.11
125.00	10.00	11.52
0.00	0.00	0.00

Quantitation Report (Qedit)

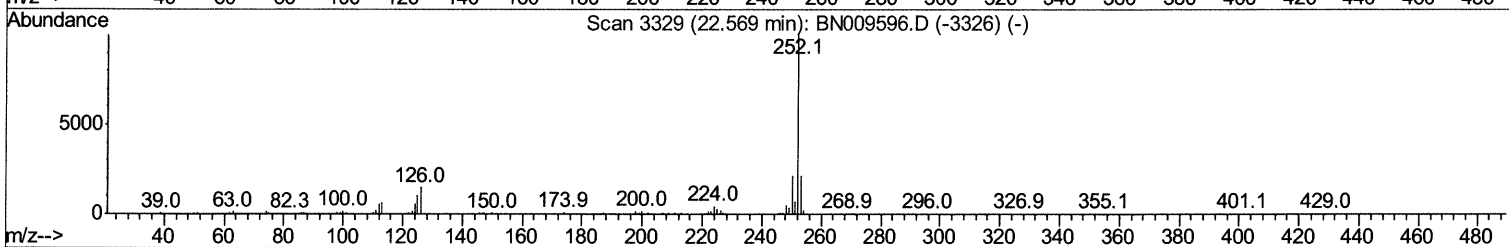
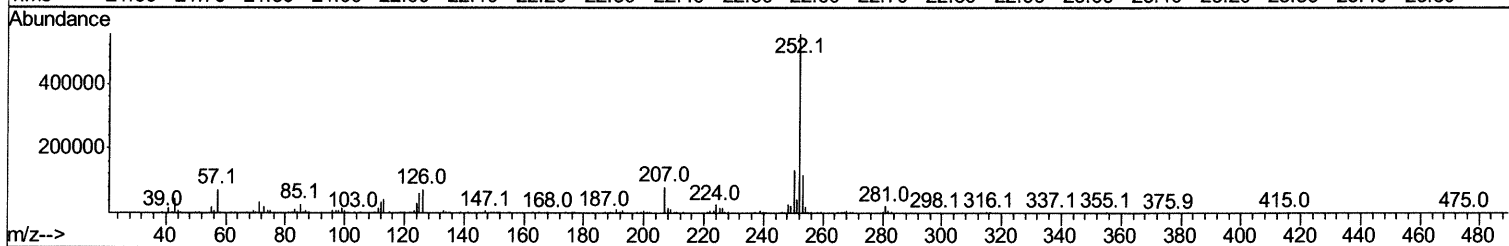
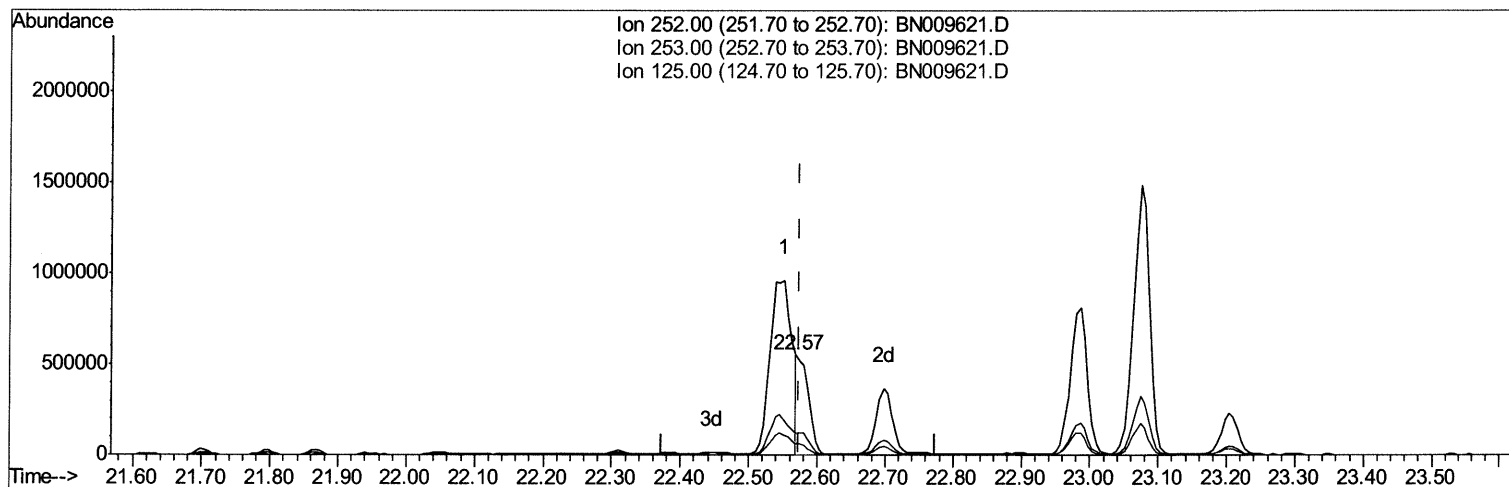
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TIC: BN009621.D

(88) Benzo(k)fluoranthene

22.568min (-0.006) 9.35ng/ul m *JU 02/13/20*

response 594514

Ion	Exp%	Act%
252.00	100	100
253.00	21.20	21.59
125.00	10.00	11.11
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	194472	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	824307	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	494673	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	1013110	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	920495	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	1031952	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	7893	1.67	ng/uL	0.00
5) Phenol-d5	6.63	99	172299	10.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	121865	10.70	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	137499	11.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.15	113	137858	10.21	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	67643	11.03	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.29	143	77204	11.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	139321	10.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	139777	10.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	443325	12.28	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	533825	12.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	58058	8.51	ng/ul	0.00
57) Fluorene-d10	15.07	176	390304	12.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	43916	6.94	ng/ul	0.00
70) Anthracene-d10	16.93	188	576483	12.52	ng/ul	0.00
78) Pyrene-d10	19.24	212	644897	13.33	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	659126	12.97	ng/ul	0.00

Target Compounds

					Ovalue	
14) Acetophenone	8.26	105	35915	1.662	ng/ul	99
28) Naphthalene	10.25	128	13582108	303.840	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	3251327	103.934	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	597816	15.522	ng/ul	98
44) Dimethylphthalate	13.55	163	47145	1.230	ng/ul#	96
47) Acenaphthylene	13.79	152	3201497	67.048	ng/ul	99
49) Acenaphthene	14.13	153	217771	6.709	ng/ul	98
53) Dibenzofuran	14.47	168	228926	5.064	ng/ul	97
58) Fluorene	15.13	166	1436550	38.027	ng/ul	99
69) Phenanthrene	16.87	178	6305537	109.137	ng/ul	98
71) Anthracene	16.96	178	1505994	25.689	ng/ul	99
74) Carbazole	17.24	167	82960	1.625	ng/ul#	91
76) Fluoranthene	18.90	202	3651892	55.381	ng/ul	99
79) Pyrene	19.27	202	7470823	111.179	ng/ul	98
82) Benzo(a)anthracene	21.03	228	2071266m	32.590	ng/ul	74 02/13/20
84) Chrysene	21.08	228	1843171	29.131	ng/ul	98
87) Benzo(b)fluoranthene	22.55	252	2178005m	33.734	ng/ul	74 02/13/20
88) Benzo(k)fluoranthene	22.57	252	594514m	9.350	ng/ul	74 02/13/20
90) Benzo(a)pyrene	23.07	252	2422818	40.502	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.23	276	1050206	14.767	ng/ul	92
92) Dibenzo(a,h)anthracene	25.22	278	301999	5.045	ng/ul#	82
93) Benzo(a,h,i)perylene	25.86	276	1034270	17.352	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed